

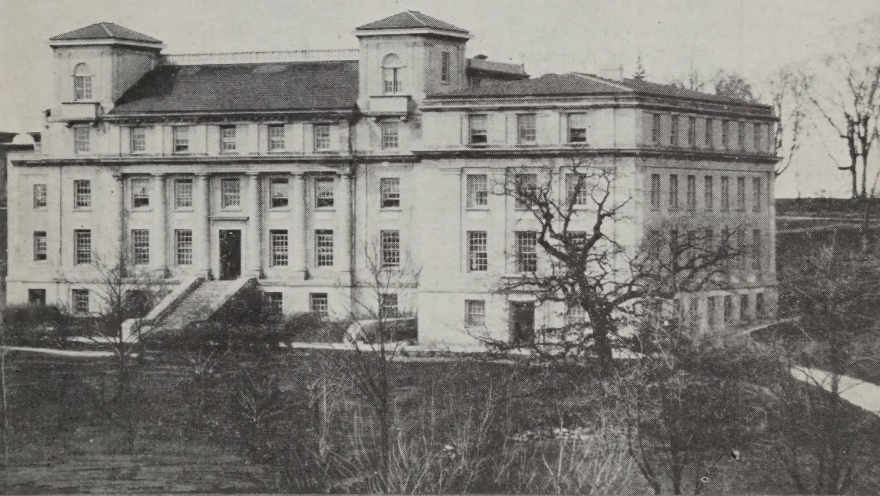
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1924/25

STIN OF THE UNIVERSITY OF WISCONSIN

Serial No. 1267; General Series No. 1045

Home Economics Courses

1924 - 1925



COLLEGE OF AGRICULTURE OF
THE UNIVERSITY OF WISCONSIN

THE COLLEGE YEAR 1924-25

The Summer Session (Summer 1924)

Summer Session opens	Monday	June	30
Summer Session ends	Friday	Aug.	8

The First Semester (Fall 1924)

Early registration	Thurs.-Sat. (noon)	Sept.	18-20
Registration days	Mon.-Tues.	Sept.	22-23
Examination for admission	Mon.-Tues.	Sept.	22-23
Lectures and recitations begin	Wednesday	Sept.	24
*Special examinations for removal of conditions	Saturday	Sept.	27
**Thanksgiving day: legal holiday	Thursday	Nov.	27
Christmas recess begins	Friday (noon)	Dec.	19

1925

Exercises resumed	Tuesday, (8 a.m.)	Jan.	6
Examination for removal of conditions	Saturday	Jan.	17
Final examinations	Mon.-Wed.	Jan. 26 to Feb. 4	

The Second Semester (February 1925)

Registration days	Thurs.-Fri.	Feb.	5-6
Lectures and recitations begin	Monday	Feb.	9
Washington's birthday: legal holiday	Monday	Feb.	(22) 23
Spring recess	Wed.-Tues. (inc.)	April	8-14
Examinations for the removal of conditions	Saturday	April	18
Memorial Day: legal holiday	Saturday	May	30
Final examinations	Mon.-Tues.	June	8-16
Examinations for admission	Mon.-Tues.	June	15-16
Commencement exercises	Fri.-Mon.	June	19-22

The Summer Session (Summer 1925)

Summer session opens	Monday	June	29
Summer session ends	Friday	Aug.	7

*The requirements are outlined in "Regulations for the Guidance of Undergraduate Students."

**Only one day of vacation.

Entered as second class matter June 10, 1898, at the post office at Madison, Wisconsin, under the act of July 16, 1894

COURSES IN HOME ECONOMICS

THE PROFESSION of home-making is one of the greatest factors in human progress because its purpose is to conserve the life of the individual as the basis of all advance in human progress.

To this end, home economics courses teach how to improve the individual by changing the immediate home environment, and stress the need of proper health conditions so that future generations may reach a higher level of efficiency. With this as a central thought the problem of the child and the home is studied not only from the applied science standpoint but also from that of the psychology of suggestion in art, in housing, and in education and moral development in the home and in the school.

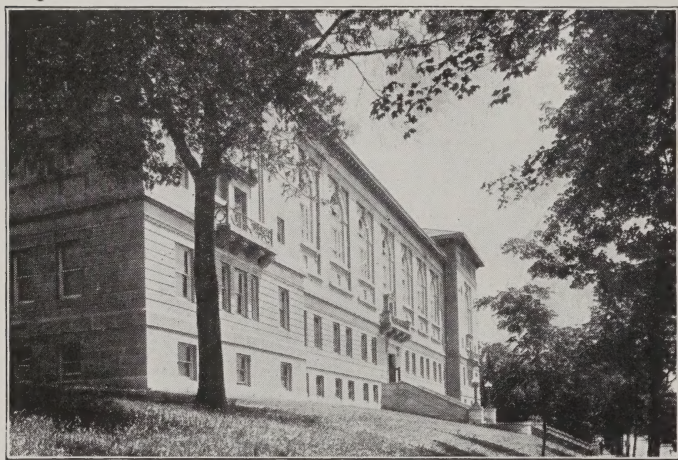
Millions are spent yearly for food, shelter and clothing; and 85 to 90 per cent of the money for the management of the home is expended by women. To train the home maker adequately for this great responsibility requires a knowledge of materials, an understanding of sanitation and a recognition of the need for developing the human race through the right use of food. With the newer methods of producing foods it is not enough to know how to spend money economically. The woman must be trained not only in the standard processes used in the home but must also understand how manufacturing changes the value of the product. By having this knowledge she will be able to meet the cost of living adequately as well as to provide food and clothing that will maintain the health and comfort of the family.

Most of the work of the home requires from 100 to 300 per cent more time than it would if modern business management were applied to shorten processes. The time thus set free could be made of infinite value in giving adequate home training to the young child. The work in home economics is planned to give an insight into time and labor saving methods as a means to an end, namely the freeing of time to be used in the better training of the future citizen in habits which make for moral development.

Training the future mother so that through right living the number of defectives born into the world will be reduced to the minimum is a problem that lies closest to the home. Such training is a vital part of the work in home economics.

The problems of care of infants, home care of the sick, use of disinfectants, and use of preventive measures in control of disease in the home, are a part of the work in home economics education. Training to meet these problems is most essential for improvement in the condition of the race.

New and interesting fields of work are continually opening to home economics graduates. In former years there was only the demand for home economics teachers and for workers in institutions and in industry. Today the trained woman is teaching classes in dietetics; is acting as hospital dietitian; is doing



LATHROP HALL—EXCLUSIVELY FOR WOMEN'S ACTIVITIES

Part of this building is given over to the physical training activities of the women but its main purpose is to be a center for the social home life of the university.

research work in foods, bacteriology and textiles in the commercial laboratories; is acting as home demonstration agent in every state in the union and is serving in nutrition clinics in cities where child welfare work is being established.

Certain phases of home economics teaching are also receiving particular attention at this time. The health of the nation is one of its greatest assets and the country is depending as never before upon the home economics teacher to give instruction in nutrition, home sanitation, and in care of children. This work is being done both in the public school and in special classes.

Teaching home-making in the vocational schools is constructive work for home economics teachers who have broad education and technical training as well as wide experience in household management. Because the public school in the grades is not always able to train the temporary woman worker in industry for her future work as home maker the federal government has made the appropriation for state aid in vocational schools.

Purpose of the Course

The Departments of Home Economics offer courses dealing with the principles underlying the proper management of the home, the care of children, the hygienic and sanitary conduct of institutions, and the economic conditions affecting the work of women. The courses are planned to meet the needs of four classes of students:

1. Those who desire a general knowledge of the subject matter as a part of a general education. Wide electives in Letters and Science are possible in the general major. Home Economics may also be taken as a minor with the major leading to A.B. degree. See minors, p. 38.

2. Those who desire to make a detailed study of home economics in preparation for a professional career other than teaching.

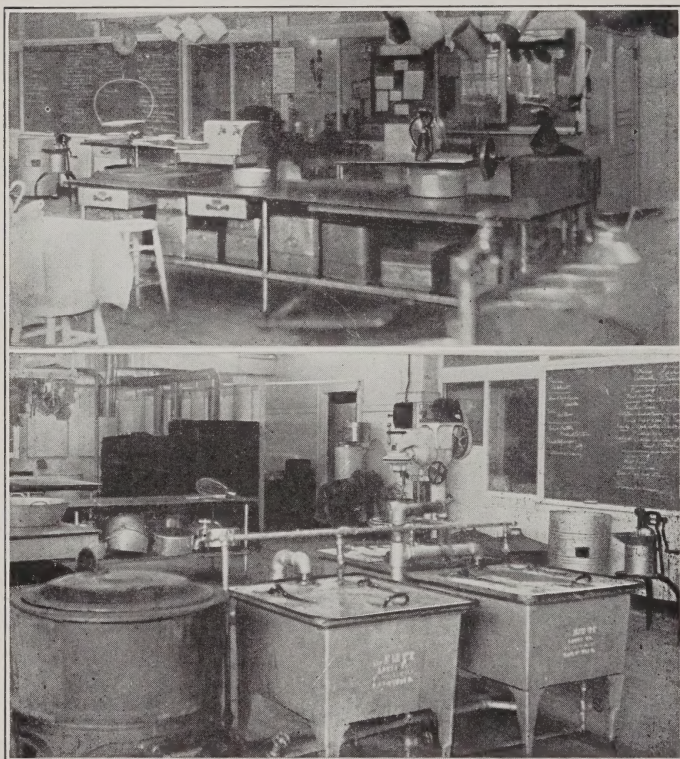
3. Those who wish to teach home economics in secondary schools, vocational schools, extension courses, and higher institutions.

4. For graduate students who have the requisite knowledge to benefit by research work in subjects connected with the home.

More requests are received than can be filled for women trained in special lines of home economics. Graduates are constantly finding new fields of activity.

POSITIONS FOR GRADUATES OTHER THAN TEACHING

In addition to the increasing call for teachers in home economics to replace the increasing number who go into the profession of home-making, the course in home economics prepares for other vocations. These may be carried on in connection with home work or other lines of work. More



VIEW OF CENTRAL KITCHEN

Students in institutional administration do the major part of their work in the central kitchen where under careful supervision they learn to handle large quantities of food.

requests are received than can be filled for women trained in professional lines of home economics work. Graduates are constantly finding new fields of activity. A few of these are as follows:

Bacteriologists in boards of health, hospitals, manufacturing establishments, and in the private offices of physicians.

Cafeteria managers are employing graduates of foods and institutional home economics courses for their work. Many home economics women are establishing their own cafeterias and tea rooms.

Dietitians. Calls are increasing for pupil dietitians from hospitals and from other institutions for trained dietitians.

Extension work. The work of the specialist in home economics and the home demonstration agent are attractive fields for the home economics graduate.

Newspaper and magazine positions on farm and home journals and magazines require home economics training and technique of feature and news story writing. This is becoming a popular field. Several of our graduates are editors of women's sections in large magazines and farm journals.

Social welfare workers. The student while majoring in home economics may minor in sociology and prepare for social welfare work and child welfare work, visiting housekeeper for public welfare associations and similar positions.

Research work in colleges or commercial laboratories has called some of our graduates who have taken elective work in chemistry, bacteriology, etc.

Commercial positions as buyers for department stores, bank consultants for home budget making, costume designers, demonstrators, directors of salesmanship, interior decorators, public lecturers, etc. are open to those with home economics training and some experience or who are willing to take preliminary training with commercial concerns.

Reconstruction aids in sanatoria. The value of the simpler forms of handcraft work in curing the nervous patient has long been recognized. Today, more and more of the hospitals and sanatoria are calling for young women trained in the household crafts to carry on this work as a part of the curative treatment of the patients. While the demand will always be small, it is one that has come to stay.

The Home Economics Group

Home Economics is a group of departments which are connected with the College of Agriculture.

The faculties of the various other colleges, schools, and courses of the university give instruction in certain required and elective subjects offered to students taking the courses in home economics.

Facilities for Instruction

The Departments of Home Economics are in the Home Economics and University Extension building. The laboratories are located in the east wing and on the fourth floor of the main building.

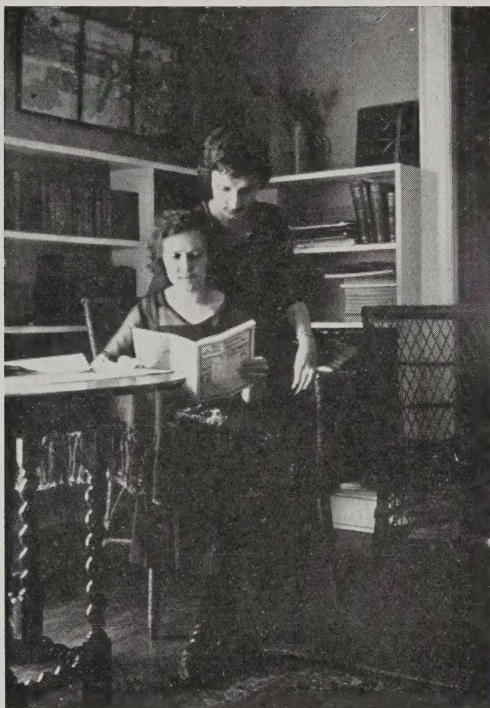
The departments are provided with lecture rooms and class room facilities, besides the following: Two food laboratories; two applied chemistry laboratories; two experimental nutrition laboratories; a dietetics laboratory with practice kitchen and dining room adjoining; a weaving laboratory and a dye room; a textile laboratory; a dressmaking laboratory; a house architecture and house decoration laboratory; an art and design laboratory; and an applied arts laboratory.

Each laboratory will accommodate 24 students at a time.

All the laboratories are fully equipped with apparatus necessary to teach the historical development of the subjects as well as the most modern phases of home economics study. Chemicals and chemical apparatus are provided for intensive study in applied chemistry.

With lecture rooms equipped with demonstration tables and lanterns, offices for instructors, a rest room, and an elevator, the departments are able to accommodate conveniently the increasingly large numbers who come for instruction.

Practice cottage. The university has an eight-room cottage located near Agricultural Hall. This cottage has been remodeled and provided with modern apparatus. There are the living room, library, dining room, kitchen, laundry, store room,



CORNER OF LIVING ROOM IN PRACTICE COTTAGE

Used in study of home decoration, one of the problems being the practice in furnishing and decorating a simple cottage on limited allowance.

furnace room, three bed rooms and a bath. Two bed rooms are equipped for use by classes in home nursing. In this cottage the classes in dietetics and household management are given practical laboratory work.

An instructor lives in the cottage all the time, and four girls from the class live there for such a period of time as will give them necessary experience in buying, preparing and serving food for a family of five or six. In dietetics in the junior year a definite standard of food value and cost is maintained and a detailed dietary study made. In household management in the senior year a similar method is used, except in this case the practice is in the care of the house, the use of labor saving apparatus and the study of its efficiency and value, a study of the correct division of the income, and practice in keeping accounts, the food preparation being incidental.



DINING ROOM OF PRACTICE COTTAGE

Where students serve meals to four or more persons during dietetic and house management study

The practice in institutional economics is done in connection with the cafeteria in the Home Economics Building. State sanatoria and large hotels are also studied. A visit to Chicago is a part of the course in institutional economics. Hotels, restau-

rants, settlements, and wholesale houses are inspected and studied. Graduate work is carried on in cooperation with the University Commons where the student does intensive study for at least a semester.

The practice and observation in home nursing is done in the Infirmary under the direction of a resident nurse.

The work in chemistry and bacteriology, as applied to home economics is done in sections of the university laboratories set aside for this work. The courses in the College of Letters and Science are given in various class rooms of that college. Electives may be chosen in other colleges of the university according to the nature of the work.

The physical training course is required of all freshmen and sophomore women, unless excused by the medical faculty.

Organizations

The Euthenics Club is an organization of all students in home economics to promote intellectual and social intercourse among its members and to stimulate greater interest in vital problems of the day.

A chapter of the national honor home economics sorority, Omicron Nu, is maintained by faculty and student members.

A professional home economics sorority, Gamma Alpha Epsilon, has been organized among senior, junior, and sophomore students of the department. They maintain their own house.

Convocations

A number of convocations are held during the year to which all students in the college are invited. The addresses given at these convocations pertain to subjects of general interest.

A series of freshmen convocations is held regularly every week during the first semester, to give students an opportunity to hear talks of special interest to freshmen. Attendance at these convocations are required of all freshmen.

The object of the convocations is to present certain essential things to the new student which could not be obtained as advantageously at any other time during the college course.



Omicron Nu



Gamma Alpha Epsilon



Euthenics Club

HOME ECONOMICS ORGANIZATIONS

Fellowship

One fellowship is offered graduate students in the Home Economics Group. This is granted to the candidate best fitted for the work selected. The fellowship returns \$500 a year. Application for this honor must be in the hands of the registrar before March 1 each year.

Home Economics graduate students may apply for other fellowships in the College of Agriculture.

Scholarships

The Wisconsin chapter of Omicron Nu offers a yearly scholarship open to either graduate or undergraduate students. It returns at least \$200 a year.

The regents of the University remit the tuition to a number of worthy non-resident students upon the basis of scholastic attainment. Application should be made to Professor Bernice Dodge, Department of Foods and Administration, early in the second semester for these Wisconsin Legislative Scholarships.

Students in need of financial assistance, who are residents of Wisconsin and are attending the University for their first year of residence, should make application for a Wisconsin Scholarship to Professor Bernice Dodge, who represents the Group of Home Economics Departments on the University committee which awards 50 Wisconsin Scholarships of \$100 each. Application should be made during the first semester.

Home Economics students may compete with students in either Letters and Science or in Agriculture for any of the other scholarships offered and described in the University catalog. Professor Julius Olson is chairman of the University scholarship committee which awards these scholarships of the University.

Student Loan Fund

There is a fund of \$1500 which is available for all students in the College of Agriculture. This fund is to be loaned to needy students, in small amounts, without interest. The money is to be returned from the first available money of the student. If the note is not paid at maturity, 6 per cent interest will be charged

from date of maturity until payment is made. For information on loans see Assistant Dean James of the Agricultural College.

Admission to the University

Undergraduate students are admitted:

1. Upon examination at the university.
2. Upon certificate of graduation from an accredited school, showing satisfactory completion of university entrance requirements.
3. Upon evidence of their standing in other institutions of higher learning.
4. As adult special students. See page 17.

Time of Entrance

Students may matriculate at the opening of either semester. It is also possible for them to enter at the beginning of the summer session, and there are advantages in beginning at that time. The student becomes acquainted with university methods of instruction in advance, and her experience and the advice of her



HOME ECONOMICS SENIORS

The class of 1924 on the steps of the Home Economics Building.

instructor will help her in planning her work for the regular session.

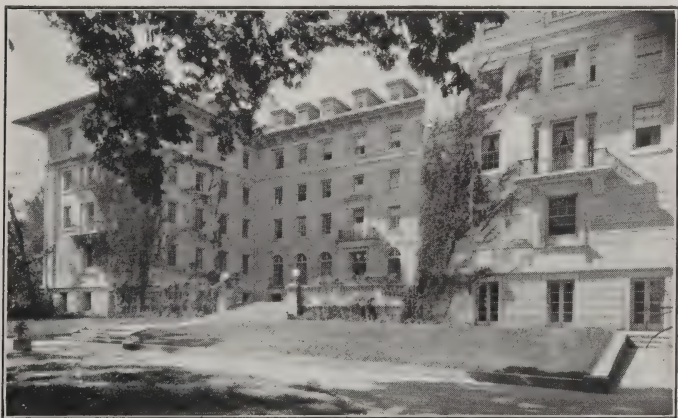
Entrants are advised to present themselves several days in advance, in order to make all necessary arrangements. An additional fee is required for late registration.

Entrance Requirements

Entrance requirements are stated in terms of units. A *unit* equals five recitations for one year of at least 36 weeks in one branch of study. Two laboratory periods in any science or vocational study are considered as equivalent to one class exercise. In closely allied branches not usually taught in periods of one year each, such as physiology and zoology, units may be constructed by adding the respective time values of such studies. Three recitations a week for a year and a half may be counted as one unit.

Fifteen Units Are Required for Admission

Not more than four units will be accepted in any one subject. Entrants offering only one foreign language must have at least



BARNARD HALL

This dormitory for women accommodates 142 students in residence and 220 in the dining rooms

two units. They must have two units in one foreign language before one unit in another language may be credited. But in exceptional cases one unit in a single foreign language may be offered as an "optional subject."

I. The following units are required of all:

English 3 or 2 units
(At least three units of English are recommended for all. Beginning with the academic year 1920-21, three units of English will be required of all students who do not offer two units of one foreign language.)

Mathematics:

Algebra 1 unit
Geometry 1 unit

II. Two units must be presented from **one** of the following:

One foreign language 2 units
(French, German, Greek, Hebrew, Latin, Norse or Spanish)
or Science 2 units
or History 2 units

III. In addition to the units required under I and II, a sufficient number of units to make a total of 15, must be offered from Groups A and B, except that not more than 4 units may be offered from Group B.

GROUP A

English 1-2

Foreign Language

French 1-4
German 1-4
Greek 1-3
Hebrew 1-2
Latin 1-4
Norse 1-2
Spanish 1-4

History and Civics

History 1-4
Civics $\frac{1}{2}$ -1
Economics $\frac{1}{2}$

Mathematics

Adv. Algebra $\frac{1}{2}$
Solid Geom. $\frac{1}{2}$
Trigonometry $\frac{1}{2}$

Science

Botany $\frac{1}{2}$ -1
Biology 1
Chemistry 1
General Science $\frac{1}{2}$ -1
Geography $\frac{1}{2}$ -1
Physics 1
Physiology $\frac{1}{2}$
Zoology $\frac{1}{2}$ -1

GROUP B

Agriculture 1-4
Bookkeeping 1
Commercial Law $\frac{1}{2}$
Commercial Arith. $\frac{1}{2}$
Commercial Geog. $\frac{1}{2}$
Shorthand 1-1 $\frac{1}{2}$
Typewriting $\frac{1}{2}$
Domestic Science 1-2

Domestic Art 1-2
Drawing, Art and Design 1-4
Mechanical Drawing 1-4
Shop Work 1-2
Shop Work and Drawing 1-2
Music 1
Optional $\frac{1}{2}$ -1

An optional subject is a high school subject not specified in the list of electives. One optional subject of one unit, or two of $\frac{1}{2}$ unit each, may be offered; but none may be offered with four units of vocational subjects.

If less than four units are offered in foreign language it is advised that replacements be units of English, history, science or mathematics.

Adult special students. Persons 21 years old, who do not possess all the requirements for admission and are not candidates for a degree, may be permitted to enter upon giving satisfactory evidence that they are prepared to take advantageously the studies which they desire. Such students are expected to select their studies from courses open to freshmen. If they desire to take studies to which only advanced students of these colleges are regularly admitted, they must show special preparation for such courses.

Candidates applying for admission on the above basis are required to present a detailed statement of their preparatory studies at the time of their admission.

Adult special students who desire subsequently to become candidates for a degree must satisfy the regular entrance requirements.

Credit for Advanced Work

The Departments of Home Economics give credit for work taken at other institutions where such work corresponds to the requirements of the course in home economics.

Students who contemplate entering with credits from other institutions, should send their statements of credit in advance or come a few days early, in order to have the credits checked and avoid delay in getting started with the semester's work.

The Grade Point System

The following system of points is now in operation:

Points are awarded on the following basis:

For grade E (93 to 100), three points for each hour of credit.

For grade G (85 to 93), two points for each hour of credit.

For grade F (77 to 85), one point for each hour of credit.

For grade P (70 to 77), credit but no points.

The maximum and minimum points that can be secured in the course are: Maximum 360, minimum 120.

It is evident that an average of *Fair* is required for graduation. If a student, by reason of grades of *Poor* falls behind in the required number of points, she is ineligible for graduation.

By the use of the point system the student may readily determine the quality of progress she is making in her course.

Sophomore honors and high honors are awarded on the work of the first two years. Honors are awarded for 135 points and high honors for 165 points.

At graduation, students having 135 points on 60 credits of the junior and senior years will be awarded *honors*. Students having 165 or more points will be awarded high honors.

For 1922-23 Elizabeth McCoy, Madison, was granted sophomore high honors and Loraine Claus, Madison, sophomore honors.

The following were granted honors at graduation, 1923: Florence Corbin, Madison; Mildred Downie, Madison; Lola Dynes, Mt. Carroll, Ill.; Gladys Heuer, Oshkosh; Alcie Kinslow, Bowling Green, Ky.; Sarah Wismer, Britton, S. D.; Trixie Knight Whitehead, Madison.

Degrees

The degree of Bachelor of Science (Home Economics) is conferred upon those who complete a required four years' course in home economics. For graduate degrees see page 40.

Fees and Expenses

Resident Tuition	Free
Non-resident tuition, per semester	\$62
Incidental fee, per semester	15.50

Fees and Deposits by Years

The following list includes the deposits required for various courses taken by students in Home Economics, part of the fees being subject to refund depending upon the amount of breakage.

Two dollars of each of the fees for home economics courses are refundable if not required to pay for the cost of materials used.

Freshman year: First semester, Chemistry \$17.50; Home Economics 2, \$5; second semester, Chemistry \$17.50; Home Economics 3, \$5.

Sophomore year: First semester, Physics \$3; Home Economics 5, \$5; Household Chemistry, \$6.50; second semester, Physics, \$3; Bacteriology, \$5; Home Economics 50, \$5.

Junior year: The usual subjects, first semester, Home Economics 4, \$5; Home Economics 11, \$5; Home Economics 7, \$5; second semester, Home Economics 11, \$5; Home Economics 8, \$5; Home Economics 6, \$6; other fees will vary according to the subjects elected.

Senior Year: First semester, Home Economics 110, \$5; first or second semester, Home Economics 90, \$5; other fees according to subjects elected.

Halls of Residence

Chadbourne Hall has accommodations for 121 women students and Barnard Hall has accommodations for 142. Applications in excess of 263 will be placed on file and vacancies during the



CHADBOURNE HALL

This dormitory for women accommodates 121 students in residence and 170 in the dining room

year will be filled in regular order from the waiting list. Students registered from Wisconsin are given preference in the assignment of rooms. The Halls are lighted by electricity and the heating apparatus is connected with the central heating plant, so that the danger from fire is minimized. Elevators operated by electricity connect the several floors.

The price of rooms in the Halls ranges from \$93 for each occupant of a double room to \$125 for a single room for the school year. The cost of board in Chadbourne Hall and Barnard Hall was \$6.25 per week during 1923-24. A circular giving detailed information may be obtained by addressing the Secretary of the Regents, Madison, Wis.

The young women who occupy these buildings are under the immediate charge of the Mistress; they must board in the Halls and are expected to conform cheerfully to requirements necessary for a family of students.

Room and Board

Rooms, furnished and unfurnished, can be obtained in the city at prices ranging from \$2 to \$5 a person a week, with slightly higher prices for choice single rooms. The cost of board averages \$7 a week in private families, clubs, boarding houses, and cafeterias.

General Regulations

The degree of Bachelor of Science (Home Economics) is conferred upon those who complete a four-year major in home economics. Electives in addition to special courses are required to complete the 120 credits required for graduation, or the 124 credits when a teacher's certificate is desired. Physical education requirements are in addition. Sixteen credits exclusive of physical education may be elected each semester, with the privilege of increasing the electives to eighteen credits provided the student has received a standing of 85 per cent in all studies for the preceding semester.

All students must elect a schedule of at least 14 credits each semester, unless given permission by the Executive Committee to carry a reduced schedule. This rule applies to seniors.



OUTDOOR SPORTS AT CAMP RANDALL

Students choosing one of the majors described on pages 26 to 38 must take the work as outlined on page 26 during the first two years.

All students entering the College of Agriculture with advanced standing of two or more credits in Home Economics are not required to take Home Economics 9, 1 credit.

A student given partial credit by the Advanced Standing Committee in any required subject, and who shall complete a more advanced required course in some other department for which the partially credited course is a prerequisite, shall be permitted to substitute electives to make up deficiencies in credits in the required course.

At least eight language credits beyond beginning courses in language are required of all students except as follows:

Students entering with two or more units of foreign language may continue the language for eight credits.

Students entering with two or more units of foreign language and desiring to change or students entering with no foreign language but having fifteen entrance credits must take sixteen credits of a foreign language, the eight credits of beginning language being counted as electives.

Students entering from high school with four units in one language or five units in two languages are not required to continue language study in the University.

The requirements for a major in Home Economics are not less than 33 nor more than 40 credits in strictly Home Economics subjects. A minimum of 25 credits or a maximum of 32 in strictly Home Economics subjects, inclusive of the thesis, may be taken during the junior and senior years. Home Economics 2, 9, and 109 are general courses in art and on the family, required of all majors in Home Economics. They are not counted in either the minimum or maximum credits for the major, but are included in the 120 required for graduation. The teachers' course 90 and 124 may be elected and count not only toward the 120 required for graduation but also as part of the 124 credits necessary for receiving the university teacher's certificate, but they are not considered as home economics electives.

COURSES IN HOME ECONOMICS

The degree of Bachelor of Science (Home Economics) is conferred upon those who complete the required work of the following courses.

1. GENERAL COURSE IN HOME ECONOMICS

This course is recommended for those desiring home economics work and a wide choice of humanistic work. If the teachers' requirements of 15 credits, are met and technical subjects are properly chosen the student may qualify for teaching.

2. PROFESSIONAL COURSES IN HOME ECONOMICS

Several majors have been arranged leading to professional work in the field of home economics as follows:

- a. General education major. See page 27.
- b. Vocational education major. (Smith-Hughes) See page 34.
- c. Food major—hospital dietitian or institutional management. See page 29.
- d. Textile major. See page 33.
- e. Applied bacteriology major. See page 35.
- f. A five year course in Home Economics and Nursing is being organized in cooperation with the College of Medicine and the Wisconsin General Hospital. This leads to the B.S. degree and will equip graduates to enter public health nursing or administrative positions in hospitals. For information send to the Department of Home Economics for special circular.

General Courses in Home Economics

This course is planned for students who do not wish to be trained for professional home economics positions; and therefore is less severely technical and allows a more liberal choice of electives. Science requirements and required credits in home economics are greatly reduced; but on the other hand a student may elect much more freely after she has taken certain fundamental home economics subjects.

The same number of credits are required for graduation in the General Course in Home Economics as for the Bachelor

of Arts degree. Students are expected to secure 14 to 16 credits per semester making an average of 30 credits per year, 120 credits and 120 grade points for the course. In addition the student is required to take physical education during the first two years unless excused by the University Clinic. Convocation is required for the first half of the first semester of the freshman year.

From 48 to 58 credits may be chosen by the student in any college in addition to the 10 credits which she is required to elect in the College of Letters and Science. Not more than twenty-six of these credits may be elected in home economics subjects.

A student in this course may qualify for a teachers' certificate but she must be careful to take the required sciences to qualify for the technical home economics courses which should follow if the student desires to teach. Appropriate minors in the College of Letters and Science as outlined for the School of Education may be elected to prepare for high school teaching. The corresponding teachers' courses should be chosen with the minor. Freedom of electives makes possible the meeting of major requirements in practically any department of the College of Agriculture or the College of Letters and Science. To make such plans it is desirable that the student consider the desired electives with her faculty adviser as early as possible in the sophomore year, or not later than the beginning of the junior year. The required work of the curriculum is as follows:

Freshman Year

First Semester

	Credits
English 1a (L. & S.) a study of the elements of efficient writing with practice in composition	3
Foreign Language, 2nd Year.....	4
Chemistry 1a, (L. & S.) Lectures and laboratory work in general chemistry and qualitative analysis	5*
Home Economics 9, introduction to home economics	1
Home Economics 2, art and design	3
Total	16
Convocation	
Physical Education	

Second Semester

	Credits
English 1b (L. & S.)	3
Foreign Language, 2nd Year	4
Home Economics 3, introduction to food study.....	3
Electives	5*
Total	15
Physical Education	

*Sophomore Year***First Semester**

	Credits
English 30 or 33, English literature	3 or 2
Home Economics 5, introduction to textiles	3
Electives	10*
Total	16-15
Physical Education	

Second Semester

	Credits
Electives	15**
Physical Education	

*Junior Year***First Semester**

	Credits
Home Economics 7 and 17, house architecture and sanitation.....	4
Electives*	11
	15

Second Semester

	Credits
Electives*	15

*Chemistry 1a five credits is required in the general course. Nine to eleven additional credits of science are also required for graduation to be selected during the freshman and sophomore years from the following:

1. Chemistry 1b—(Qualitative Chemistry) second semester, 5 credits.
2. Agricultural Chemistry 3—(Household Chemistry) first semester, 5 credits. Prerequisite, Chemistry 1b.
3. Physics 65—3 credits for first and second semesters, total, 6 credits.
4. Physiology 1a—(Human anatomy and physiology) first semester, 4 credits.
5. Agricultural Bacteriology 4—(Household Bacteriology) second semester, 5 credits.

**See p. 26 for **.

*Senior Year***First Semester**

	Credits
Home Economics 110 and 112, household administration.....	4
Electives	11**
	15

Second Semester

	Credits
Home Economics 109, humanics	4
Electives	11
	15

Professional Courses in Home Economics

The work of the first two years of the professional courses is largely required. The work of the first semester of the general course is the same as for professional courses.

Required Work for Freshmen and Sophomores*Freshman Year***First Semester**

	Credits
English 1a (L. & S.) a study of the elements of efficient writing with practice in composition	3
Foreign Language, 2nd Year	4
Chemistry 1a (L. & S.) Lectures and laboratory work in general chemistry and qualitative analysis	5
Home Economics 9, introduction to home economics	1
Home Economics 2, art and design	3
Total.....	16

Convocation

Physical Education

**A total of ten credits must be elected within the College of Letters and Science. Not more than 26 credits may be chosen within the Department of Home Economics. It is thus possible to plan a major in courses in the Letters and Science College to be taken with the general major as there are 55 free elective credits.

Second Semester

	Credits
English 1b	3
Foreign Language, 2nd Year	4
Chemistry 1b (L. & S.) Lectures and laboratory work in general chemistry and qualitative analysis	5
Home Economics 3, introduction to food study	3
Total	15
Physical Education	

*Sophomore Year***First Semester**

	Credits
Physics 65 (L. & S.) lectures and laboratory practice in general physics as applied to the mechanics of the household	3
Home Economics 5, introduction to textile study	2
Physiology 1a (L. & S.) a general course of lectures and laboratory work on the elements of human anatomy and physiology	4
Agricultural Chemistry 3 (household chemistry)	5
Electives	2
Total.....	16
Physical Education	

Second Semester

Physics 65	3
Home Economics 50, textiles	3
Agricultural Bacteriology 4, survey of bacteriology with special emphasis on the relation of micro-organisms to foods and domestic sanitation	5
Electives	4
Total.....	15
Physical Education	

Major in General Education Course*Junior Year***First Semester**

	Credits
Home Economics 4, problems of the food supply	3
Home Economics 7 and 17, house architecture and sanitation.....	4
Home Economics 10, clothing economics	2
Home Economics 11, Manufacture and selection of clothing.....	2
Electives†	4
	15

Second Semester

	Credits
Home Economics 6 and 16, nutrition and dietetics.....	4
Home Economics 8 and 18, house decoration	4
Home Economics 11	2
Electives†	5
	15

*Senior Year***First Semester**

	Credits
Home Economics 110 and 112, household administration	4
Home Economics 100, 101 or 102	2*
Electives	9
	15

Second Semester

	Credits
Home Economics 109, humanics (the family)	4
Home Economics 100, 101 or 102.....	2*
Electives*	9
	15

SUGGESTED ELECTIVES

A liberal number of electives is allowed in each major, and students have the privilege of choosing the courses they wish.

The number of free electives varies from 11 credits to 35 credits dependent on the amount of foreign language required and the selection of a teachers' certificate. The general major gives a greater choice allowing from 36 to 56 credits. Electives may be chosen in any college of the University.

It is desirable that electives be grouped for a definite purpose such as a teaching minor or teacher's certificate, a journalism minor, a sociology minor, or for wider and more intensive knowledge as a basis for advanced study. For ex-

†See page 28.

*Seniors in all majors except the Vocational major shall elect Home Economics 100 (thesis), Home Economics 101 (Research), or Home Economics 102 (topical work) for four or more credits. At the discretion of the major professor, the finished typewritten report may be deposited in the library as a thesis or retained in the departmental office.

ample, those taking a food major should elect additional courses in general chemistry and physiological chemistry in preparation for more intensive work in nutrition.

Those desiring to go into social welfare work should take a minor in sociology. It should include Economics 1a, and two courses from each of the following groups to make a total of fifteen credits:

Group A—Economics 4, 139, 140 and 170.

Group B—Economics 46, 141, 147, and 161.

Those who wish to go into extension work should minor in agriculture. It is suggested that 10 credits (the minimum number allowed) be chosen from Agronomy 1, Horticulture 1, Dairy 1, Agricultural Engineering 1, Animal Husbandry, Economic Entomology, Veterinary Science, and Plant Pathology.

Teaching minors may be chosen in the various departments as discussed in the University Catalog under "The School of Education". A minor varies from 10 to 20 credits of work chosen for a distinct purpose in a single department. The following minors have proven very satisfactory in connection with a home economics educational major: chemistry, bacteriology, mathematics, modern language, physiology, physics, sociology, journalism, education. Students in the sophomore year should discuss the matter of the majors in home economics and minors in other departments with their faculty advisor.

Major in Food and Nutrition

Junior Year

First Semester

	Credits
Home Economics 4, economic problems of the food supply	3
Home Economics 7 and 17, house architecture and sanitation.....	4
Electives†	8
	15

Second Semester

	Credits
Home Economics 6 and 16, nutrition and dietetics	4
Electives†	11
	15



(1) Chemistry Building; (2) Science H



③



⑤

(3) Library; (4) Bascom Hall; (5) Biology Building.

*Senior Year***Hospital Dietitian****First Semester**

	Credits
Home Economics 110 and 112, household administration ..	4
Home Economics 125, dietotherapy	3
Home Economics 100 or 101 or 102.....	2*
Electives†	6
	15

Second Semester

	Credits
Home Economics 109, humanics (the family)	4
Home Economics 100 or 101, or 102	2*
Electives**	9
	15

*Senior Year***Institutional Management (124 cr.)****First Semester**

	Credits
Home Economics 110 and 112, household administration	4
Home Economics 122, organization and administration of institutions..	2
Home Economics 100, 101, or 102.....	2*
Electives** (May elect Home Economics 125).....	8
	16

Second Semester

	Credits
Home Economics 109, humanics (the family)	4
Home Economics 133, tea room, hotel and restaurant management ..	2
Home Economics 134, institutional equipment and furnishing.....	3
Home Economics 100, 101, or 102	2*
Electives**	5
	16

†See page 28 for suggestions. In junior year, second semester, institutional management majors take Home Economics 22 for 3 credits.

*See note page 28.

**Free electives or Home Economics electives subject to 40 credits rule.

Major in Textiles

Junior Year

First Semester	Credits
Home Economics 7 and 17, house architecture and sanitation	4
Home Economics 10, clothing economics	2
Home Economics 11, manufacture and selection of clothing	2
Electives**	7
	15

Second Semester	Credits
Home Economics 8 and 18, house decoration.....	4
Home Economics 11, manufacture and selection of clothing	2
Electives**	9
	15

Senior Year

First Semester	Credits
Home Economics 110 and 112, household administration	4
Home Economics, electives	3*
Home Economics 100, 101, or 102	2†
Electives**	6
	15

Second Semester	Credits
Home Economics 109, humanics (the family)	4
Home Economics, electives	3*
Home Economics 100, 101 or 102	2†
Electives**	6
	15

*Six credits must be elected from the following courses: Home Economics 20, 32, 96, 97, 101, 102, 103, 104.

**See page 28 for suggestions.

†See note page 28.

Major in Vocational Education (Smith-Hughes)

In compliance with the request of the State Board of Vocational Education and in cooperation with the Federal Board under the Smith-Hughes law, the University is offering a four year course designed to equip teachers of home-making for the vocational schools of the state.

The first two years of this course are similar to those required of all the other professional majors in home economics, with the exception that students who know before their junior year that they expect to major in vocational education in home-making would find it wise to elect the beginning course in psychology some time during the sophomore year. During the junior and senior years such students will take the required courses in which, because of the need for more detailed technical training, the electives are only 30, of which 12 should be taken in education to meet the university teachers' certificate in home economics. The liberal grant of the government makes it possible in connection with the state vocational grant to develop training in home making in city, town, and country schools. The need for college trained women is imperative.

In addition to the four-year course the candidate for the teachers' certificate in vocational education is expected to have practical experience in house management. *Between the junior and senior years the student should spend the vacation in practical home management, reporting details of the work to the instructor in charge of the household administration class.* Study of standards is provided at the practice cottage, which is a laboratory in connection with the Home Economics Department.

The following outline is the work of the junior and senior years in vocational education major:

Junior Year

First Semester

	Credits
Home Economics 4, economic problems of food supply.....	3
Home Economics 7 and 17, house architecture and sanitation	4
Home Economics 10, clothing economics.....	2
Home Economics 11, manufacture and selection of clothing.....	2
Home Economics 72, home nursing.....	2
Electives**	3

Second Semester

	Credits
Home Economics 6 and 16, nutrition and dietetics.....	4
Home Economics 11, manufacture and selection of clothing.....	2
Home Economics 8, house decoration	2
Electives**	7
	15

*Senior Year***First Semester**

	Credits
Home Economics 96, household crafts.....	2
Home Economics 110 and 112, household administration.....	4
Home Economics Electives*	2
Electives**	8
	16

Second Semester

	Credits
Home Economics 109, humanics (the family).....	4
Home Economics Electives*	2
Education A, educational practice.....	2
Home Economics 90 or 124 vocational education in home making	2†
Electives**	5
	15

Major in Applied Bacteriology

The students who minor in food may include beyond their sophomore year such detailed work in applied bacteriology as will equip them to become bacteriological technicians in the various laboratories maintained in connection with municipal water and

*Choose Home Economics 18, (house decoration), or Home Economics 20, (elementary costume design), 32, (clothing for children), 47, (diet problems in feeding children), or 92, (hand and machine sewing for teachers), or 97, (advanced costume design), 105, (experimental cookery), 125, (dietotherapy).

**Philosophy 1, 3 cr.; Education 90, 2 cr.; and Education 31, 3 cr. Must be taken to qualify for the University Teachers' Certificate.

†Persons entering with advanced standing in Home Economics 90 must take Home Economics 124. Credit in Home Economics 90 is required of all.

sewage plants, with manufactories of biological products, with milk plants, as well as with public health laboratories, hospital laboratories, private laboratories, in physician's office, and in laboratories in connection with public and private sanatoria. There is a constantly growing demand for such technicians, and many of the home economics graduates have found the work both attractive and stimulating. The positions are opening up very rapidly and more workers will be demanded in the very near future. In addition to the required work as indicated in the outline for junior and senior years, on the advice of the major professor, appropriate electives may be taken in zoology, botany, plant pathology, or chemistry.

The following outline is the work of the junior and senior years in the applied bacteriology major:



BACTERIOLOGY LABORATORY

Advanced study in immunity preparatory to working as bacteriological technicians in commercial laboratories.

*Junior Year***First Semester**

	Credits
Home Economics 4, economic problems of food supply.....	3
Home Economics 7 and 17, house architecture and sanitation	4
Zoology 111, microscopic anatomy and micro-technique.....	3
Electives*	6
	16

Second Semester

	Credits
Home Economics 6 and 16, nutrition and dietetics	4
Agricultural Bacteriology*	7
Electives*	5
	16

*Senior Year***First Semester**

	Credits
Home Economics 110 and 112, household administration.....	4
Chemistry 113, water analysis.....	1
Home Economics 100, 101 or 102.....	2†
Electives*	9
	16

Second Semester

	Credits
Home Economics 109, humanics (the family).....	4
Home Economics 100, 101 or 102.....	2†
Electives*	9
	15

*The following electives are suggested to meet 15 credits in a bacteriology major:

Agricultural Bacteriology:—121, Dairy Bacteriology, II, 3 cr.; 124, Bacteriological Technique, II, 3 cr.; 125, Food Bacteriology, I, 3 cr.; 230, Research, I, 2 cr.; 231, Seminary, I or II, 1 cr.

Hygiene:—102, Bacteriology for Health Officers, I, 5 cr.; 115, Public Health Administration and Vital Statistics, I, 2 cr.

Pathology:—102, Medical Bacteriology, I, 5 cr.; 104, Immunity, II, 4 cr.

Veterinary Science:—126, Laboratory Diagnosis, II, 3 cr. Given 1924-25.

Zoology:—119, Animal Parasites, II, 3 cr.

†See note page 28.

Thesis

All candidates for a degree except those choosing the major in Vocational Education in Home Making are required to present a graduating thesis. A thesis must represent original work upon some subject which has been arranged after consultation with the student's adviser and the head of the department in which the work is done. On the advice of the major professor courses 101 or 102 may be taken for four credits counting as a thesis substitute course.

Minors in Home Economics for Letters and Science Students

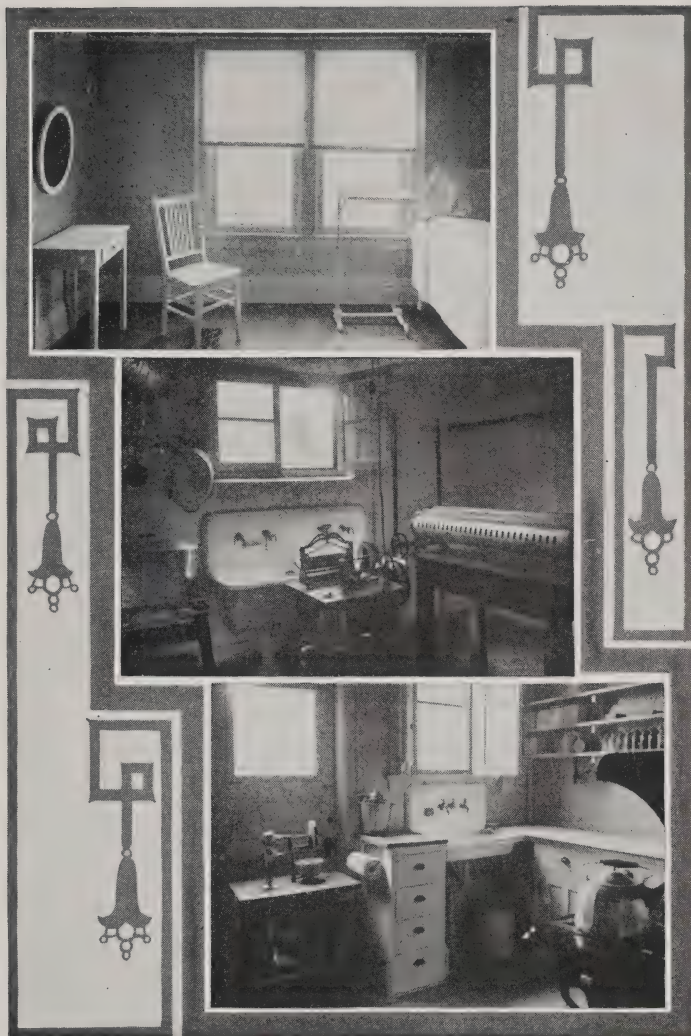
"Candidates for the degree of Bachelor of Arts in the College of Letters and Science are allowed to elect in the courses in Home Economics studies to an amount not exceeding the equivalent of 20 credits." See University catalog for restrictions.

A minor in Home Economics is not less than 10 nor more than 20 credits in Home Economics subjects. The minors may be taken with the major but as a rule the minor is intended for those majoring in Letters and Science, and desiring a more intensive and also a broader view of home economics problems as a part of a liberal education or as related work in connection with a major, as in social welfare work, a minor may be taken in foods, textiles, or housing problems.

(1) The minor in foods must include Home Economics 1a-b, and other related courses such as 47, to make 10 to 20 credits.

(2) A minor in textiles must include Home Economics 2, 5, 10, 11, and other courses to complete 15 credits. The textile teaching minor may include courses 2, 5, 10, 11, 50, 90, and other vocational courses and other related courses to make 20 credits.

(3) The minor in housing problems is intended to be taken with a major or minor in sociology so that those intending to do the work of sanitary inspector or other social welfare work will have a broad foundation knowledge of the fundamental problems in housing conditions as well as fundamentals in home and budget making for a family. This minor includes Home Economics 1a, 1b, 70 and other related courses.



ROOMS IN THE PRACTICE COTTAGE

Home nursing room, laundry, and kitchenette are used by students in dietetics and household management

Home Economics Courses Without Prerequisites

Any student in the University who has fulfilled the stated prerequisites may elect courses given in the department. There are a number of courses, however, without prerequisites, except class ranking, that are open to students who may be interested in home problems and yet do not wish to minor in home economics. These courses are Home Economics 1, 2, 5, 8, 10, 32, 47, 72, 94, 96, 103, 104, 109, 124.

Home Economics 1 a-b and 47 are courses offered especially to meet the needs of students in the College of Letters and Science.

Advanced Degrees

The degree, Master of Science, is conferred upon candidates whose undergraduate work corresponds to that now leading to the degree, Bachelor of Science, as conferred by the University of Wisconsin. This degree may also be conferred upon holders of the B.A. degree who have pursued advanced work in science.

Candidacy for the above degree is normally based upon resident study at the University. For exceptions consult the Graduate School Bulletin.

During a period of at least one academic year the candidate must pursue a course of graduate study characterized by definiteness of purpose and approved by the University as appropriate to that purpose and suitable in amount. Such a course includes as a minimum for each semester assigned graduate work carrying from 9 to 12 credits. At least one-half of this work must lie in a single department. A thesis may be required of candidates for the Master's degree. The undergraduate preparation of the candidate must be sufficient to satisfy the instructor that the advanced work may be undertaken profitably. Undergraduate courses of suitable character may be elected in addition to the normal amount of graduate work, provided that the recommendation of the professor in charge of the student's major and the approval of the Dean of the Graduate School be obtained in advance.

Candidates for the Master's degree majoring in home economics may elect as their major study foods, textiles, or general course in home economics education.

Graduate Food Major

The following home economics and related subjects are suggested for the food major: (nutrition major) Home Economics 101, 102, 109, 110, 122, 125; (institutional major) 109, 110, 122, 134*, 222.

In addition Agricultural Chemistry 122, Agricultural Bacteriology 125, and the following courses in medicine, Anatomy 110, Physiology 105, and Physiological Chemistry 104-117 may be selected on the advice of the major professor and the Dean of the Graduate School.

Graduate Textile Major

The following home economics and related subjects are suggested for the textile major: Home Economics 101, 102, 103, 104, 109, 110.

Additional courses in botany, chemistry, history, economics, psychology, sociology, education and industrial art, may be selected on the advice of the major professor and the Dean of the Graduate School.

Graduate Major in Home Economics Education

For those who wish to select courses leading to a Master's degree majoring in more than one branch of home economics training, the selection of home economics and related courses should be made in both the food and the textile side, and advanced courses in education, subject to the approval of the Directors of the Course in Home Economics, the Course in Education, and the Dean of the Graduate School.

Requirements for Minor in Home Economics Applying Toward the Degree of Doctor of Philosophy

Candidates for the degree of Doctor of Philosophy whose major study lies in another department of the university may choose as one minor study, courses in home economics in the general subject of foods, of textiles, or of housing. The election of studies in this department which shall constitute a minor sub-

*Does not count for graduate credit.

ject will be determined in conference with the Director of the Course in Home Economics and must meet with the approval of the Graduate Committee. For data as to major studies see Bulletin of the Graduate School.

Educational Requirements for State Certificate

State Teachers' Certificate for Public Schools

Graduates receiving the Bachelor of Science degree in Home Economics and taking additional work in education to make 124 credits for graduation will be entitled to receive the University Teachers' Certificate upon the recommendation of fitness by the Department of Home Economics and upon completing as a part of their elective work the following courses: Philosophy 1, psychology; Education 31, principles of education; Education 90, technique of education; Education A, directed teaching; Home Economics 90 or 124, teachers' course, and 3 credits in one of the following subjects: Home Economics 109, humanics; Education 11, mental development, or Education 41, educational psychology; to make a total of 15 credits.

Students desiring to qualify for the University Teachers' Certificate should register with the Director of the Course in Education during the first semester of the junior year. They will find it an advantage to select an additional subject in which they may qualify under the head of a minor, so that when they are placed in small high schools they will be equipped to teach not only their major subject of home economics, but also a minor subject. A suggested list of minors includes mathematics, English, modern language, history, Latin, physiology, physics, chemistry, botany, and biology. The selection of a minor should be made as early in the course as possible so that the free electives may be utilized to best advantage.

Teachers' Certificate for Vocational Schools

On completion of the course in vocational training in home-making including the fifteen credits for the teachers' certificate and on recommendation of fitness by the Department of Home Economics the student will be certified to the State Board of

Vocational Education, who, on approval of the student's record, will issue a certificate as instructor in Vocational Courses in Home Making. (See page 34.)

Graduates from the Home Economics Course of Stout Institute and Stevens Point who have received a teachers' certificate to teach home economics will be granted a general teachers' certificate from the University upon completion of the fifteen required credits. This will permit the holder to teach any or all high school courses.

DESCRIPTION OF THE COURSE IN HOME ECONOMICS

Professor Marlatt (Director); Associate Professors Hillstrom, Manning; Assistant Professors Cowles, Dodge, Henderson, Parsons; Instructors Braun, Corbin, Craighill, Hartman, Reynolds, Schairer, Tyrrell, D. B. Wood; Fellow Helen Skinner; Lecturer Dr. Dorothy Reed Mendenhall.

1a.—Elementary Dietetics (General Survey) I; 2 to 4 cr.....	49
1a.—Elementary Dietetics (General Survey) I; 2 to 4 cr.....	49
2.—Art and Design. 1 or II; 3 cr... ..	45
3.—Introduction to Food Study. II; 3 cr.....	49
4.—Economic Problems of Food Supply, I; 3 cr.....	50
5.—Introduction to Textile Study. I; 2 cr.....	47
6.—Nutrition and Dietetics. II; 2 cr.....	50
16.—Dietetics Laboratory. II; 2 cr.....	50
7.—House Architecture and Sanitation. I; 2 cr.....	52
17.—House Architecture Laboratory. I; 2 cr.....	52
8.—House Decoration, II; 2 cr.	45
18.—House Decoration Laboratory. II; 2 cr.....	45
9.—Introduction to Home Economics. I; 1 cr.....	57
10.—Clothing Economics. I; 2 cr.	47
11.—Manufacture and Selection of Clothing. Yr.; 2 cr.....	47
20.—Elementary Costume Design. I; 2 cr.....	46
22.—Marketing and Large Quantity Cooking. II; 2 cr.....	54
32.—Vocational Educ. Course. II; 2 cr.....	47, 55
40s.—Teaching Foods on Meal Project Basis. 2 cr.	51
48.—Diet Problems in Feeding Children. I; 3 cr.....	51
50.—Textiles. II; 3 cr.....	48
70.—Housing the Worker. II; 2 cr.....	52
72.—Home Nursing. I; 1 or 2 cr.....	52, 57
90.—Teacher's Course. I or II; 2 cr.	55
91s.—Crafts in Vocational Education in Home Making 2 cr.....	48
92s.—Vocational Education—Tools and Materials. 2 cr.....	48, 55
94.—Advanced Applied Design. II; 3 cr.	46
95.—Weaving. I; 1 or 2 cr.....	47
96.—Household Crafts. I; 2 cr.	49
97.—Advanced Costume Design. II; 2 cr.	49
100.—Thesis II; 2 cr.....	47, 49, 51, 53
101. Research Work. Yr.; cr.	51, 52, 53
102.—Topical Work. Yr.; cr.....	47, 49, 53
103.—Economic History of Textile Industry. II; 2 cr.....	49
104.—History of Costume in its Sociological Aspects. I; 2 cr.....	49
105.—Experimental Food Study. I; 2 cr.	52
109.—Humanics. II; 1 to 4 cr.	57
110.—Household Administration. I; 2 cr.	53

112.—Household Administration Laboratory I; 2 cr.....	53
120.—Seminary. II; 1 cr	54, 57
122.—Organization and Administration of Institutions I, 2 cr.....	55
124.—Vocational Education in Home Making. II; 2 cr.	57
Ed. A.—Practice Teaching. Voc. Ed. I or II; 2 cr.....	55
125.—Dietotherapy. I; 3 cr.	52
126.—Extension Course in Home Economics. II; 2 cr.....	57
133.—Tea Room and Restaurant Management. I or II; 2 cr.....	55
134.—Institutional Equipment and Furnishings II; 3 cr.....	55
190.—Advanced Course in Home Economics Education. II; 2 cr.....	57
222.—Laboratory and Research in Institutional Management I and II; 2 to 4 cr.	55
* 223.—Seminary on Housing Problems. I; 2 or 3 cr.....	54
290.—Supervision in Home Economics. I or SS; 2 cr.....	57

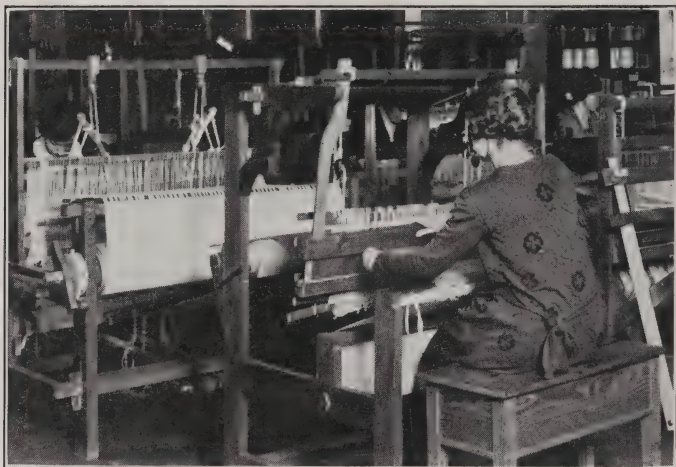
APPLIED ARTS

Associate Professor Hillstrom (Chairman): Instructors
Craighill, Hartman.

2.—Art and Design. I or II, 3 cr. Lecture and laboratory course. Lectures on art structure, historic examples, application of design and picture study; exercises in composition of line, dark and light; color; various applications of design—block printing, tied and dyed work, batik. Lecture, quiz, and two laboratory periods. Miss Hillstrom, Miss Craighill.

8. House Decoration. II; 2 cr. Study and discussion of the following:—the relation of architectural features of interiors to the decorative scheme in furnishing; the relative importance of the house, the room, the decorative details; line, mass and color arrangements in typical rooms; period styles of furniture; rugs, pictures, fireplace, artificial lighting; flower arrangement, accessories. Required of general, textile and vocational majors. Open to election by juniors and seniors in any college. Prerequisite: An elementary course in design. Two lectures. Miss Hillstrom. periods. Miss Hillstrom.

18. House Decoration Laboratory. II; 2 cr. Problems in planning the decorations of house-color schemes, floor plans, and elevations of furnishings. Study of appropriate uses for decorative textiles. Field work for the purpose of studying furniture, rugs, draperies, arrangement of furniture. Practical experience in arranging furnishings in Practice Cottage and other typical rooms. Required of general, textile, and vocational majors. Open to election by juniors and seniors in any college. Following or concurrent with Home Economics 8. Two laboratory period. Miss Hillstrom.



WEAVING LABORATORY

The student applies her knowledge of dyes and dyeing processes in learning the principles and practice of art weaving

- 20. Elementary Costume Design.** I; 2 cr. Study of line, mass, and color in costumes as related to various types of individuals; study of costumes and accessories appropriate for the occasion and for wearer. Exercises in creating color schemes for costumes in designing practical and individual costumes from commercial patterns, in creating original designs for decorative details. Open to election by juniors and seniors in any college. Prerequisites: Home Economics 2 or Industrial Arts 62 or consent of instructor. One lecture and two laboratory periods. Miss Hartman.
- 94. Advanced Applied Design.** II; 3 cr. Theory of color and design as applied to textiles used in interior decoration and in costume. The class may be divided into two sections if the enrollment justifies it:—in one section practice in design as applied to textiles in interior decoration—block printing, stencilling, batik, applique, needle tapestry, hooked embroidery; in the other section practice in designs for costumes for pageants, festivals, and fashion reviews. Open to election by juniors and seniors in any college. Prerequisite: Home Economics 2 or Industrial Arts 62 or consent of the instructor. One lecture or quiz and two laboratory periods. Miss Hillstrom.

95. **Weaving.** I, 1 or 2 cr. A lecture and laboratory course planned to develop a keener appreciation of color and design applied to textiles, and of economic values in the textile industry; various methods of weaving and the processes involved. Additional time and credit will be granted to seniors and graduate students. Miss Hillstrom.
100. **Thesis.** Yr.; 2 cr. Miss Hillstrom and staff. On the advice of the major professor Home Economics 101 or 102 may be substituted.
102. **Topical Work.** Yr.; cr. by arr. Assigned topics for reading, conference, and report. May precede or be taken in connection with 101. Miss Hillstrom.

CLOTHING

Associate Professor Manning (Chairman), Instructors D. B. Wood, Tyrrell.

- 5.—**Introduction to Textile Study.** I; 3 cr. Includes microscopic study of cotton fibres, of commercial weaves, and physical tests of fibres and fabrics. Laboratory includes technique of hand and machine sewing, making of cotton garments with special reference to comparative expenditure and wise choice of fabrics in relation not only to clothing children but in cooperation with public welfare service shops giving pupils a vision of service to community. Reference text: Baldt, *Clothing for Women*. Lecture and two laboratory periods. Miss Tyrrell.
10. **Clothing Economics.** I; 2 cr. Lecture and required reading covering the economic and sociological phases of the development of the ready-to-wear clothing industry in the United States. Organization of the clothing industry. Economic study of distribution through department, chain, specialty and mail order houses. A study of psychology of advertising methods used in salesmanship. Study of clothing budgets for the family. Required of general and textile majors and open to election by juniors and seniors in any college. Two lectures. Miss Manning.
11. **Manufacture and Selection of Clothing.** Yr.; 2 cr. Costume designing, economic problems of manufacture of clothing in the home as compared to the commercial product, hygienic factors involved in clothing. Prerequisites: Home Economics 2, 5, and 50. Two laboratory periods. Miss Manning and staff.
32. **Vocational Education Course.** II; 2 cr. Business Organization and Management. Job analysis of steps in the teaching of business organization and management including work analysis of the vocation of conducting a shop manufacturing and selling children's clothing. Miss Tyrrell.

50. **Textiles.** II; 3 cr. Advanced study of chemistry of fibres, bleaching, scouring, dyeing; chemical examination of fabrics; test for adulteration of fabrics; microscopic study of modern weaves and practice in hand loom weaving. A trip to Milwaukee to visit factories is part of the required study. Prerequisites: Chemistry 1, Agricultural Chemistry 3, Home Economics 5. One lecture and two laboratory periods. Miss Tyrrell and Miss Craighill.
- 91s. **Crafts in Vocational Education in Home Making.** 2 crs. Designing patterns for hats. Use of straw, velvet, etc. Making bows, flowers and other trimmings. Planning courses in millinery for high schools. Students provide their own material subject to the approval of the instructor. One lecture and two laboratory periods.
- 92s. **Vocational Education.** Tools and Materials Used in Domestic Art Courses in Elementary and High Schools. 2 cr. Processes and stitches suited to elementary and high school courses; garment construction; pattern modeling, use and adaption of commercial patterns; planning courses; study of devices and equipment for teaching. Two lectures and three laboratory periods. Miss Henderson.



CLOTHING LABORATORY

The junior course in clothing includes not only the comparative study of cost of material, cost of labor, and living conditions in the garment working trades, but offers laboratory practice in the technique of the clothing industry.

96. **Household Crafts.** I; 2 cr. Lectures and laboratory work on laces, furs, ribbons, velvets, art embroidery, and millinery. One lecture and one laboratory period. Open to juniors and seniors. Miss Tyrrell.
97. **Advanced Costume Design.** II; 2-cr. Continuation of Home Economics 11. Study of different materials as adapted to costume designing; technique of costume design and manufacture of evening and afternoon costumes. One lecture and two laboratory periods. Miss Manning.
100. **Thesis.** Yr.; 2 cr. Miss Manning and staff. On the advice of the major professor Home Economics 101 or 102 may be substituted.
102. **Topical Work.** Yr.; cr. by arr. Assigned topics for reading, conference and report. May precede or be taken in connection with 101. Miss Manning.
103. **Economic History of Textile Industry.** II; 2 cr. A survey of the development of the textile industry from medieval industrial organization to present day problems of factory and sweat shop work. Miss Manning.
104. **History of Costume in its Sociological Aspects.** I; 2 cr. History of costume in classical antiquity, its subsequent development, with its periodic recurrence in design, its relation to the leisure class and to the cost of living. One lecture and one laboratory period. Miss Manning.

FOODS AND ADMINISTRATION

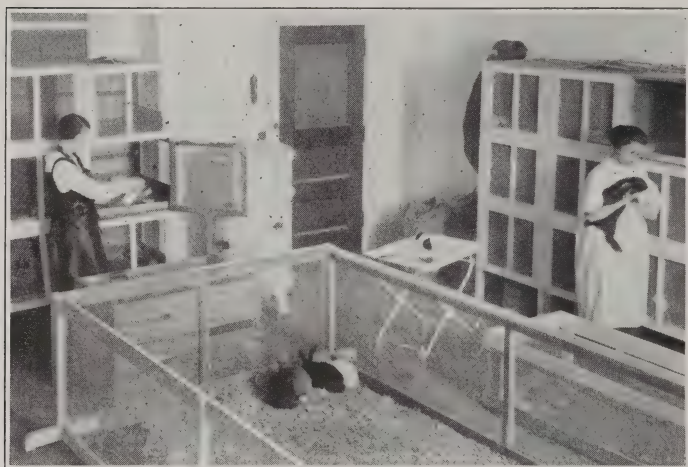
Professor Marlatt (Chairman); Assistant Professors Cowles, Dodge, Henderson, Parsons; Instructors Braun, Corbin, Reynolds, Schairer; Fellows Helen Skinner; Lecturer Dr. Dorothy Reed Mendenhall.

Foods and Nutrition

- 1a.—**Elementary Dietetics (General Survey).** I; 2 to 4 cr.; 2 lectures 2 cr.; 1 or 2 laboratory periods 1-2 cr. Elementary dietetics, with detailed study in regard to standards in diets for all ages and also study of diet for those who are sick. Laboratory practice in the study of the more common foods and their preparation and service so as to make them more nearly digestible. Textbooks, Stiles' Nutritional Physiology, Rose's Feeding the Family. Miss Marlatt, Miss Braun.
3. **Introduction to Food Study.** II, 3 cr. Study of the principles of the selection and preparation of food and meal service. Prerequisites

are entrance credit in physics or chemistry or first semester of chemistry 1, or biology. Lecture, quiz, and two laboratory periods. Miss Marlatt and staff.

4. **Economic Problems of Food Supply.** I; 3 cr. Manufacture and purchase of foods; methods of preservation; study of pure food laws; weights and measures; economic exchange value of foods; efficiency and cost of fuels and cooking apparatus. Prerequisites: Chemistry 1, Agricultural Chemistry 3, Agricultural Bacteriology 4, Home Economics 3. Two lectures and two laboratory periods. Miss Schairer.



THE ANIMAL ROOM

Investigations in nutrition are carried out on small animals.

6. **Nutrition and Dietetics.** II; 2 cr. How to plan the family dietary. Dietary standards, balanced rations, dietary needs as modified by age, sex, occupation. Newer knowledge of body building, growth factors, relation of nutrition to mental development. How to plan meals so that family needs are met biologically and economically. Prerequisites: Home Economics 3 and 4, Physiology 1, Agricultural Bacteriology 4, Chemistry 1, Agricultural Chemistry 3. Two lectures. Miss Parsons.
16. **Dietetics Laboratory.** II; 2 cr. Includes study of chemical and physical properties of foods, planning, preparation and selection of foods, service of meals to meet body needs of individual and

family group. Diet study upon self and detailed dietary study of group at the practice cottage. Prerequisites: Same as for Home Economics 6. Two laboratory periods. Miss Parsons, Miss Braun, Miss Dodge.

40s. Teaching Foods on Meal Project Basis. 2 cr. The common types of foods are studied by the project method. Laboratory technique in the methods of preparation and serving of typical foods, used in American homes. One lecture and three laboratory periods. Miss Dodge, Miss Braun.

47. Diet Problems in Feeding Children. I; 3 cr. Deals with care and food requirements of young children; comparative study of milk and various proprietary infants' foods; principles underlying milk modification in infant feeding. Two lectures and one laboratory period. Miss Parsons.

100. Thesis. Yr.; 2 cr. Miss Marlatt and staff. On the advice of the major professor Home Economics 101 or 102 may be substituted.

For Seniors and Graduates

101. Research Work. Yr.; cr. by arr. Home economics problems will be assigned to advanced students who have had the necessary previous training. Miss Parsons, Miss Braun, Miss Bachman.



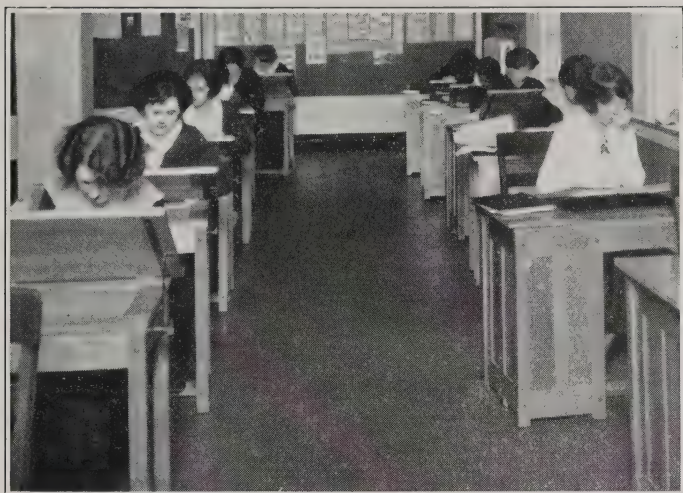
DIETETICS LABORATORY

Study of applied chemistry and physiology in relation to food requirements in health and disease

- 102. Topical Work.** Yr.; cr. by arr. Assigned topics for reading, conference, and report. May precede or be taken in connection with 101. Miss Bachman, Miss Marlatt, Miss Parsons.
- 105. Experimental Food Study.** I; 2 cr. A laboratory course in quantitative experimental work in the field of cookery. An introduction to research work in foods and nutrition. Laboratory hours to be arranged. Miss Marlatt.
- 125. Dietotherapy.** I; 3 cr. A study of dietotherapy, the adaptation of diet to the disorders of nutrition. Prerequisite: Home Economics 6 and 16. Lecture, quiz and two laboratory periods. Miss Parsons and staff.

Housing and House Management

- 1b. Elementary House Management (General Survey).** II; 2 to 4 cr. 2 lectures 2 cr.; 1 laboratory period 1 cr.; Practice Cottage 1 cr. The house, its plans, its care, so as to lessen labor, secure more sanitary conditions, and give an appreciation of fundamental factors in house decoration, cost of living, the budget, and problems in home management. Reference work is required. Laboratory includes the house plan, color in house, scoring the room, wood finishes, textile problems, such as adulteration and cleaning, manufacturing of clothing, and supervised house practice work. Miss Marlatt, Miss Cowles, Miss Dodge and staff.
- 7. House Architecture and Sanitation.** I; 2 cr. Historic and present day architectural styles illustrated by slides and field trips. Study of problems involved in building the present day house, including choice of site, details of house construction, plumbing, heating, ventilation, lighting, sanitation. Discussion of house arrangements which save labor and time in house management. Prerequisites: Chemistry 1, Physics 1 or 65, Agricultural Bacteriology 4, Home Economics 2. Two lectures. Miss Cowles.
- 17. House Architecture Laboratory.** I; 2 cr. Practice in reading blue prints, in planning and drawing floor plans and exteriors of one and two story houses suited to needs of special project. Working drawings of labor-saving details and built in furniture. May be taken with or following Home Economics 7. Two laboratory periods. Miss Cowles.
- 70. Housing the Worker.** II; 2 cr. Lecture and discussion course dealing with the history of the housing problem and of housing reform, present day standards in houses and methods of bettering housing conditions. Open to Letters and Science juniors and seniors. Two lectures. Miss Cowles.
- 72. Home Nursing.** I; 1 or 2 cr. A quiz and laboratory course in first aid and home nursing. Miss ———.



HOME ECONOMICS LABORATORY

Where students plan and draw floor plans and exteriors of one and two story houses.

- 100. Thesis.** Yr.; 2 cr. Miss Marlatt and staff. On the advice of the major professors Home Economics 101 or 102 may be substituted.
- 101. Research Work.** Yr.; cr. by arr. Home economics problems will be assigned to advanced students who have had the necessary previous training. Miss Parsons, Miss Braun, Miss Bachman.
- 102. Topical Work.** Yr.; cr. by arr. Assigned topics for reading, conference, and report. May precede or be taken in connection with 101. Miss Bachman, Miss Marlatt, Miss Parsons.
- 110. Household Administration.** I; 2 cr. The lectures cover the history of the evolution of the home, work in the home, a detailed study of living standards, and business organization as applied to the wholesale and retail trade as they affect the purchasing power of the woman in the home. A detailed study of budgeting including food, shelter, clothing, and labor problems is made. Two lectures. Miss Marlatt. Miss Dodge.
- 112. Household Administration Laboratory.** I; 2 cr. Laboratory work in chemistry of cleaning metals, wood and fabrics; use of disinfectants and practice in home nursing. Students live five days in the practice cottage where detailed studies are made of time expenditure, household accounts, labor-saving apparatus

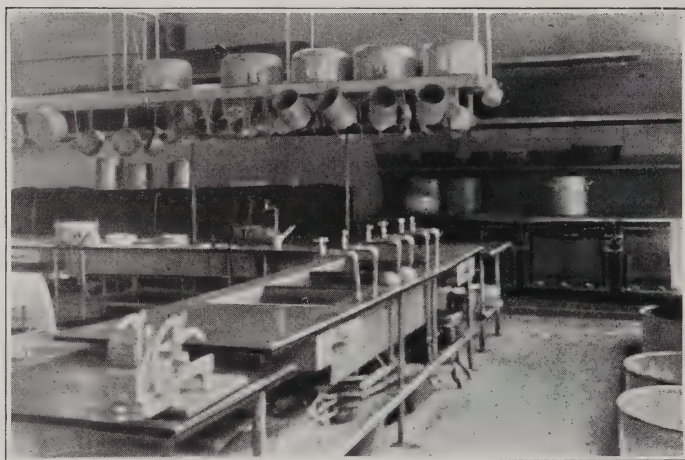
in laundry work, in food preparation, in cleaning and in economic use of heat, gas, electricity and coal. Prerequisites: Chemistry 1, Agricultural Bacteriology 4, Physics 1 or 65, Home Economics 2, 3. Graduate students may take the lectures, cottage work and do the reference reading for two credits. One laboratory period. Miss Marlatt, Miss Dodge.

120. Seminary. II; 1 cr. Advanced work in problems connected with the home and the home economics movement in education. Miss Marlatt, Miss Dodge.

223. Seminary on Housing Problems. I; 2 or 3 cr. Urban, suburban, and rural. A study of present housing conditions and their effect on health of inmates; the building associations; the laws which have been and may be enacted to secure reforms and improve housing conditions. Hours to be arranged. Miss Marlatt, Miss Cowles.

Institutional Management

22. Marketing and Large Quantity Cookery, Economic Problems Of. II; 2 cr. Large quantity cookery, time study, economic study and marketing study in the selection, purchase, and preparation of foods in large quantities. Miss —.



THE CENTRAL KITCHEN

The study of equipment in the central kitchen—its construction, handling, and care—is a necessary part of the training given to students interested in institutional problems.

- 122. Organization and Administration of Institutions.** I; 2 cr. Organization and equipment, methods of accounting in office and store-room, taking of inventories, planning of work for employees.
- 133. Tea Room and Restaurant Management.** I or II; 2 cr. A study of the organization of tea rooms and restaurants, necessary equipment, service problems, menu making and catering, accounting and advertising. Practice in lunch room management in departmental laboratories. Miss ———.
- 134. Institutional Equipment and Furnishing.** II; 3 cr. A study of institutional planning, building and furnishing, cost and care of labor saving equipment. Laboratory practice in decorating and furnishing large institutions; includes the application of art principles in the selection and furnishing of large institutions and cafeterias with special studies in selection and care of textile fabrics used in institutions. Prerequisite: Home Economics 8 or concurrent registration. Miss ———.
- 222. Laboratory and research work as an interne in the University Commons.** Detailed study of accounting and organization and labor problems; credit not to exceed 4. Miss ———.

Teacher Training

- Ed. A. Practice Teaching, Voc. Ed.** I or II; 2 cr. Mr. Miller, Miss Henderson.
- 32. Vocational Education Course.** II, 2 cr. Business Organization and Management. Job analysis of steps in the teaching of business organization and management including work analysis of the vocation of conducting a shop manufacturing and selling children's clothing. Miss Tyrell.
- 90. Teachers' Course.** I or II; 2 cr. Study of the problems of the home economics teacher, including lesson plans, courses of study, equipment, reference and illustrative material. Observation and practice work in presentation is afforded. Open also to seniors in Letters and Science. One lecture and two laboratory periods. Miss Henderson.
- 92S. Vocational Education: Tools and Materials Used in Domestic Art Courses in Elementary and High Schools.** 2 cr. Processes and stitches suited to elementary and high school courses; garment construction; pattern modeling, use and adaption of commercial patterns; planning courses; study of devices and equipment for teaching. Two lectures and three laboratory periods. Miss Henderson.



THE DIET KITCHEN

Where students in dietetics work out special problems.

109. **Humanics.** II; 1 to 4 cr. Development of the individual from before infancy to adolescence, problems of hygiene and mental development as influenced by heredity and nutrition, effect of women in industry, housing problems in homes and institutions, and habit formation. Letters and Science seniors may take it for one or more credits. Three lectures and one quiz. For attendance at lectures only, one credit. Miss Marlatt.
120. **Seminary.** II; 1 cr. Advanced work in problems connected with the home and the home economics movement in education. Miss Marlatt, Miss Dodge.
124. **Vocational Education in Home Making.** II; 2 cr. Origin and development of industrial and vocational education in the United States and Europe. Two lectures. Miss Henderson.
126. **Extension Course in Home Economics.** II; 2 cr. A course to train extension workers for community leadership and to prepare them to cooperate with all agencies for community development. The course will consist of discussions of problems in community organization for health projects, child welfare work, community enterprises, such as cooperative buying, food centers, thrift work, laundries and hot school lunches; the planning of projects to develop community leaders; and the consideration of principles of economics, psychology and sociology as applied to the problems of rural life and extension work. A lecture and demonstration course. Miss Marlatt and staff.
190. **Advanced Course in Home Economics Education.** II; 2 cr. Educational problems. For selected seniors and graduate students who are prepared to do intensive study in special education methods applied to high school classes in home making. Miss Dodge.
290. **Supervision in Home Economics.** I or SS; 2 cr. The course is designed to meet the needs of those who desire to become trainers of teachers in home economics. It includes detailed study of the educational literature; place of home economics in school system; study of administrative problems; the psychological methods used in measuring quality of instruction and in adapting instruction to needs of community. Hours to be arranged. Miss Dodge.

Additional Courses

9. **Introduction to Home Economics.** I; 1 cr. The history of the home, social customs, and their value in the evolution of the family. One lecture. Home Economics Faculty.
72. **Home Nursing.** I; 1 or 2 cr. A quiz and laboratory course in first aid and home nursing. Miss ———.

OTHER REQUIRED COURSES

Agricultural Bacteriology 4. General Survey. II; 5 cr. A general discussion of the relation of micro-organisms to foods and sanitation. A trip to Milwaukee to visit food manufacturing establishments and institutions of health promotion is required. Two lectures, one recitation, and three laboratory periods. Mr. Frost, Miss Bachman.

Chemistry 1a and 1b. General Chemistry. Yr.; 5 cr. A general introductory course consisting of two experimental lectures, one recitation and three two hour periods of laboratory work a week throughout the year. Mr. Walton.

Agricultural Chemistry 3. Household Chemistry. I; 5 cr. The composition and physical properties of foods and a discussion of the main factors affecting their nutritive value; chemistry of the home, cleaning of materials, dyes, etc. Prerequisite: General Chemistry 1. Three lectures and three laboratory periods. Mr. Peterson.

English 1a and 1b. Freshman English. Yr.; 3 cr. Mr. Young and assistants.

English 33a. Introduction to English Literature. I; 2 cr. Mr. Pyre and staff.

Language 2nd Year. 8 cr. Continuation of high school foreign language is advised but other languages (Greek, Latin, Spanish, French, German, Scandinavian) may be selected if 16 credits are taken.

Physics 65. General Lectures and Introductory Laboratory Practice. Yr.; 3 cr. Three lectures, one recitation by the class in smaller sections and laboratory practice once a week at hours to be arranged. Mr. Snow.

Physiology 1. Elements of Human Anatomy and Physiology. I; 4 cr. Mr. Meek.

Museums

The university museums, located in Science Hall and the new Biology Building, comprise the Anatomical Museum, the Geological and Mineralogical Museum, the Biological Museum, and the Drug Cabinet. The special collections of the College of Engineering and the College of Agriculture are located in the buildings of these colleges.

The Historical Museum occupies the fourth floor of the library building. This is used by the classes in study of primitive industries and the evolution of household apparatus.

Libraries

There are six libraries in Madison, all of which are at the service of members of the university—the Library of the University of Wisconsin; the Library of the State Historical Society; the Library of the Wisconsin Academy of Sciences, Arts, and Letters; the State Law Library; the Madison Free Library; and the Legislative Reference Library. These libraries duplicate books only to supply exceptional demands. The total number of bound volumes in all the libraries is about 630,000 and the number of pamphlets exceeds 325,000.

The first three libraries above named are all housed in the library building of the State Historical Society on the lower campus of the University.

The Agricultural College library includes about 22,000 bound volumes and 18,000 pamphlets on agricultural and home economics subjects. The library is especially well provided with publications on chemistry, textiles, foods, etc. Several periodicals on subjects of value to home economics students are on file in the agricultural library in Agricultural Hall. A librarian is in charge to assist students.



Staff of Administration and Instruction

Birge, E. A.	President of the University
Russell, H. L.	Dean of the College of Agriculture
Nardin, F. Louise.....	Dean of Women
Marlatt, Abby L.....	Director of Course, Professor of Home Economics
Jones, Nellie Kedzie	State Leader Home Demonstration Agents, Associate Professor of Home Economics
Hillstrom, Elen.....	Associate Professor, Art and House Decoration
Manning, Hazel	Associate Professor, Clothing
Cowles, May L.	Assistant Professor, Housing
Dodge, Bernice	Assistant Professor of Home Economics
Hale, Wealthy	Assistant Professor, Home Economics Extension (House Management)
Henderson, Ruth	Assistant Professor, Vocational Education
Jensen, Evelyn H	Assistant Professor, Home Economics Correspondence-Study
Meloche, Gladys L.	Assistant Professor, Home Economics Extension
Parsons, Helen	Assistant Professor, Nutrition and Dietetics
Stillman, Gladys	Assistant Professor, Home Economics Extension
Braun, Ann	Instructor, Dietetics
Case, Lucy	Instructor, Home Economics Extension (Food)
Corbin, Florence	Instructor, Teacher Training
Craighill, Eleanor	Instructor, Applied Art
Hartman, Hazel	Instructor, Applied Arts
*Kinslow, Alcie	Instructor, Textiles
McNulty, Sadie	Instructor, Home Economics Extension (Clothing)
Purcell, Mary	Instructor, Home Economics Extension (Clothing)
Salter, Elizabeth	Instructor, Boys' and Girls' Club Work
Schairer, Eva	Instructor, Foods
Taylor, Ferne E.....	Assistant Director Dormitory and Commons
Tyrrell, Bess.....	Instructor, Clothing
Wood, Dorothy Belle	Instructor Clothing
*Schwenker, Margaret	Assistant, Research
Skinner, Helen.....	Fellow in Home Economics
Mendenhall, Dr. Dorothy Reed.....	Lecturer in Home Economics

*Resigned.